

# Redesigning Maine's K-12 Delivery System

## The Demographic & Economic Imperative

Prepared for:

Maine Department of Education  
October 29, 2008

Laurie Lachance  
President, MDF

## 6 Major Trends Influencing K-12

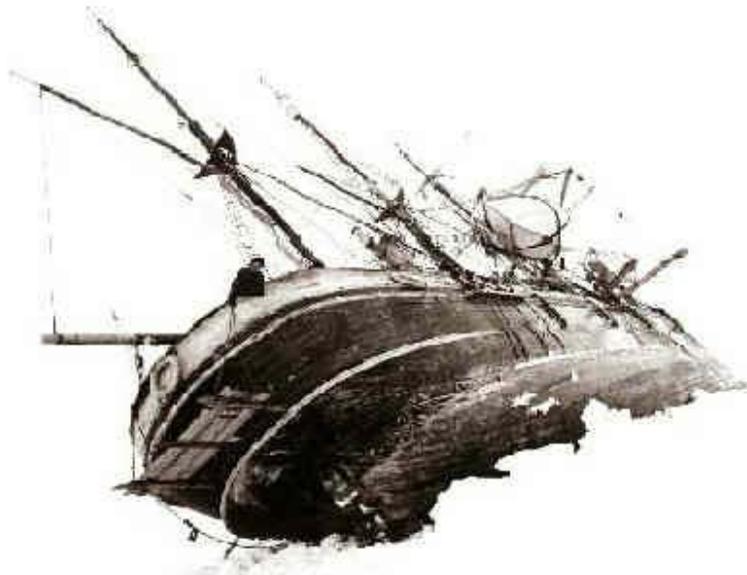
1. Population is growing slowly
2. Population is growing older
3. Population is growing unevenly
4. Population is spreading out
5. Economic base is changing
6. State and Local Budgets Under Pressure



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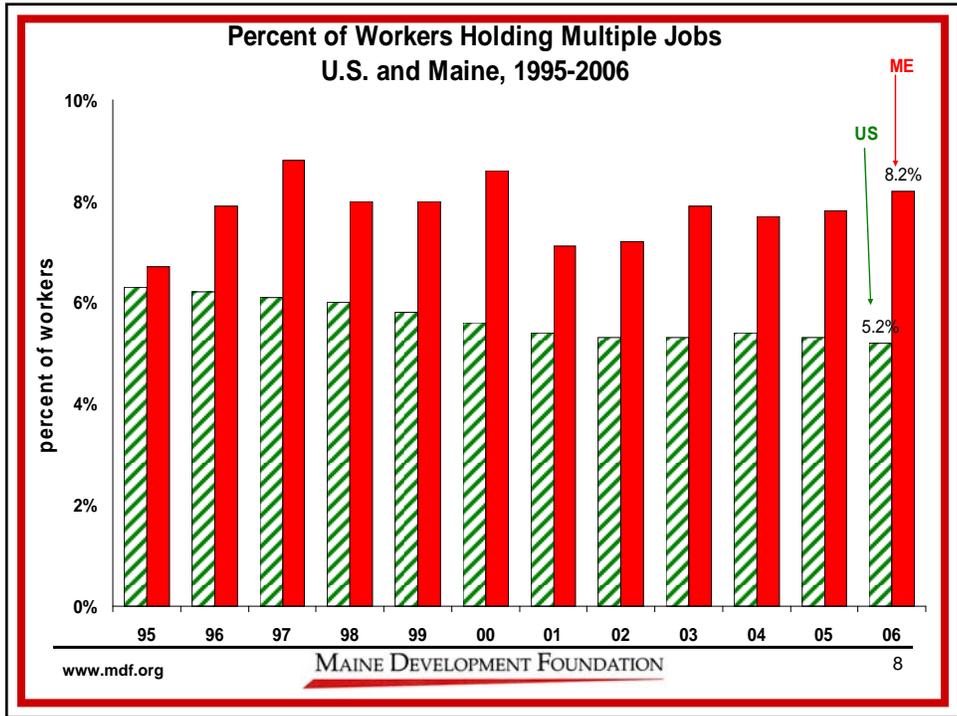
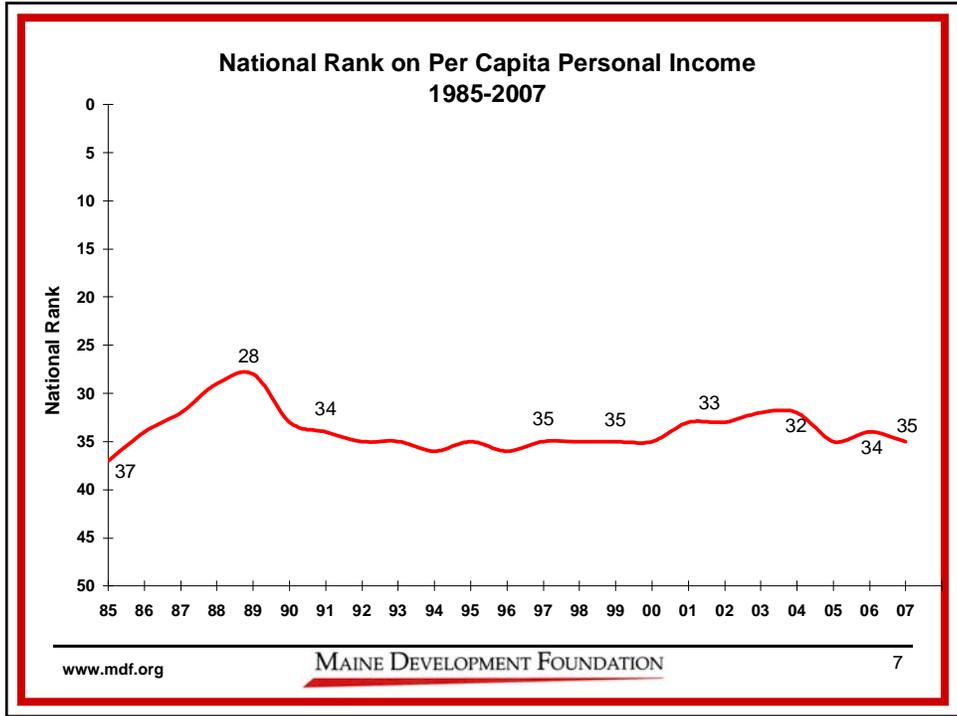


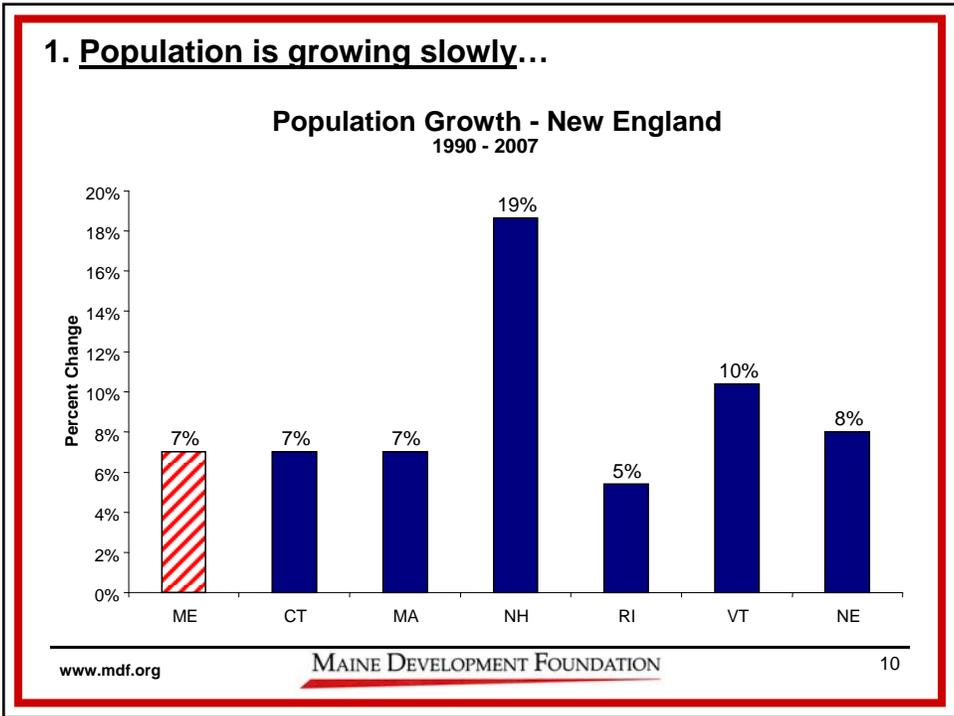
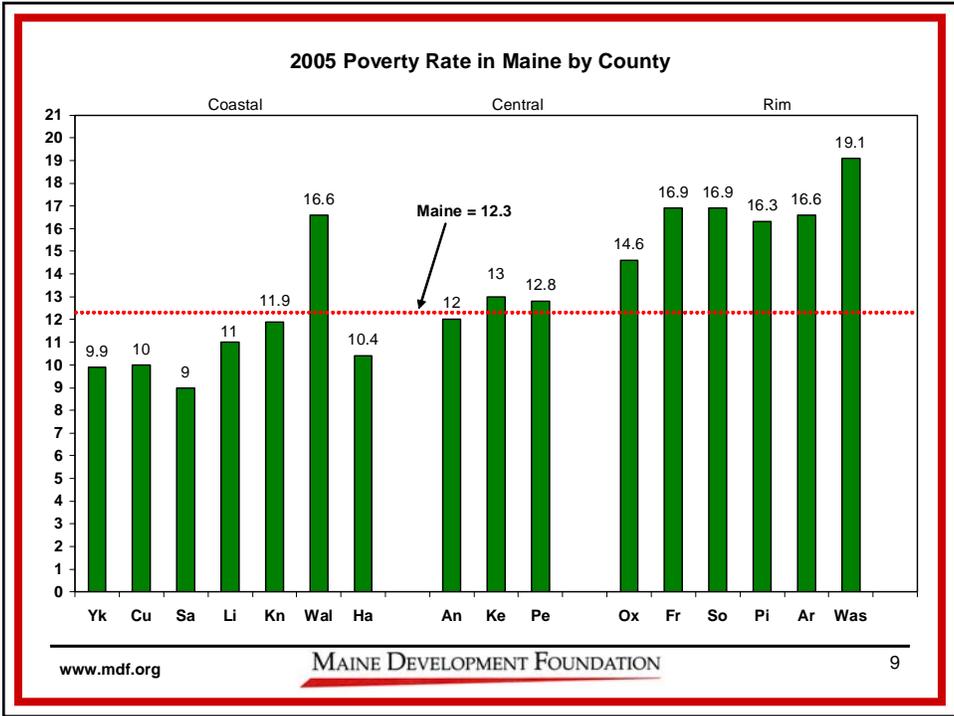
# V I S I O N

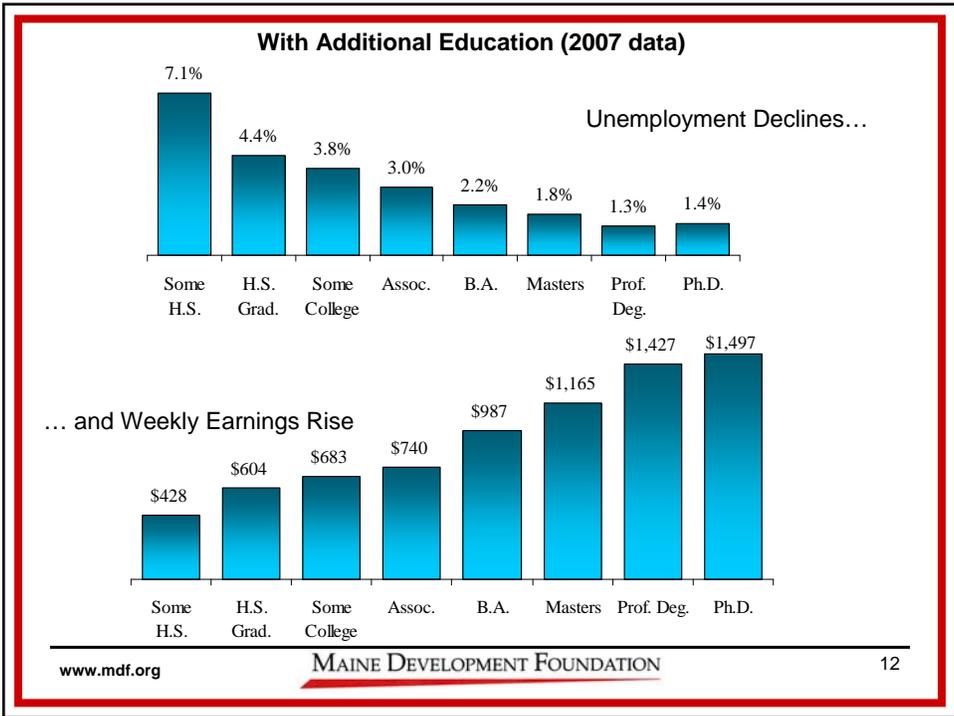
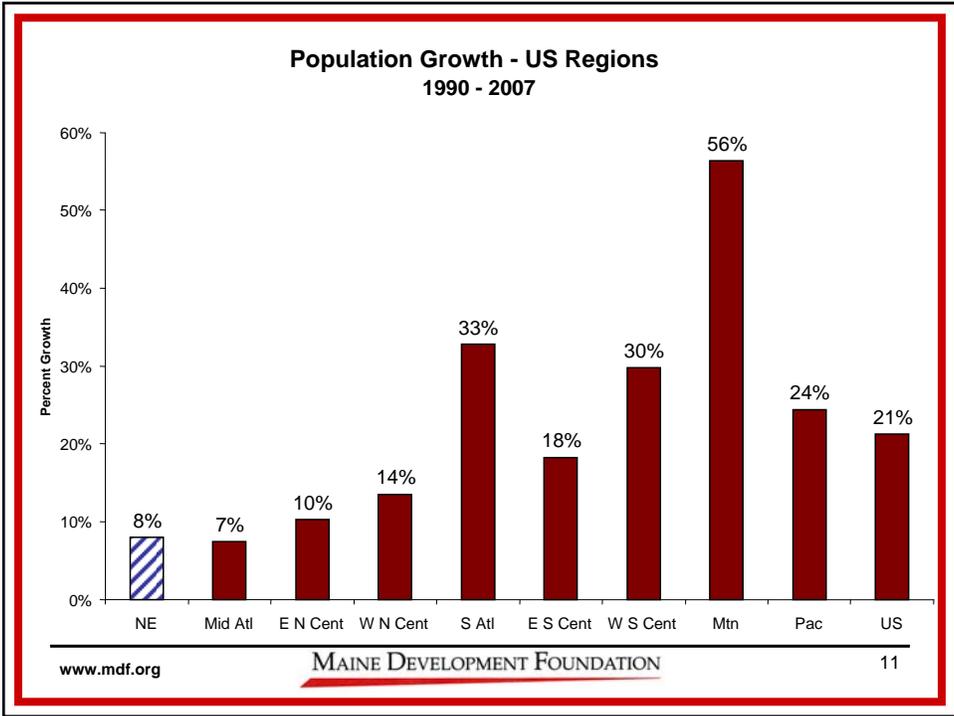
A high quality of life for all Maine citizens.

*Achieving this vision requires a vibrant and sustainable economy supported by vital communities and a healthy environment.*



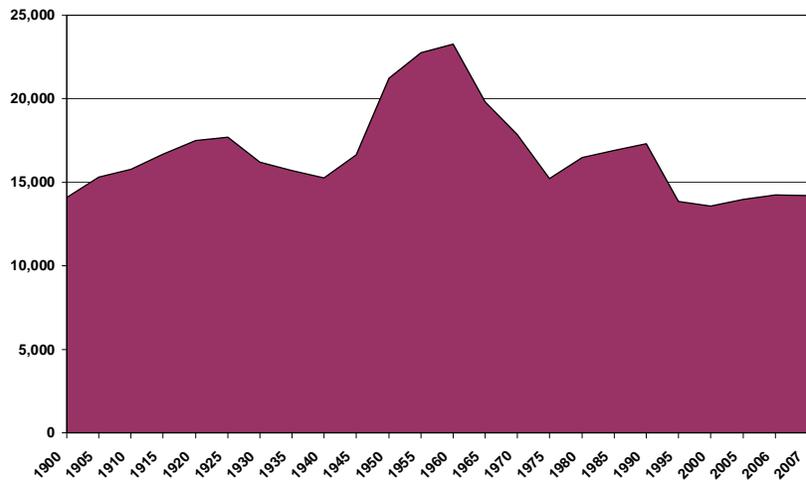






## 2. Population is growing older...

Maine Live Births, 1900-2007

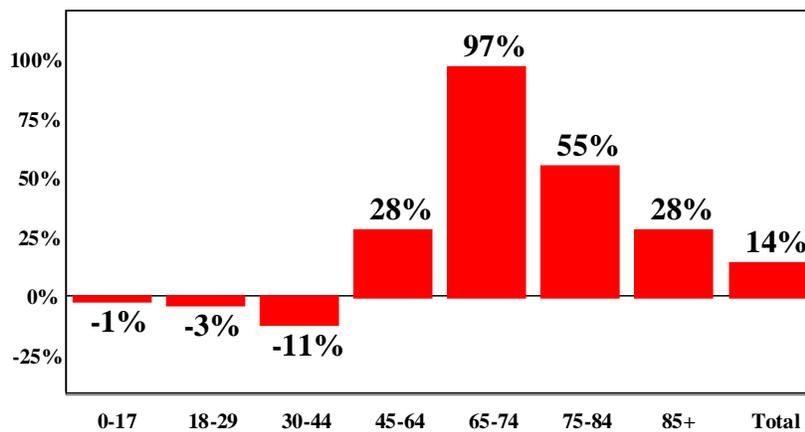


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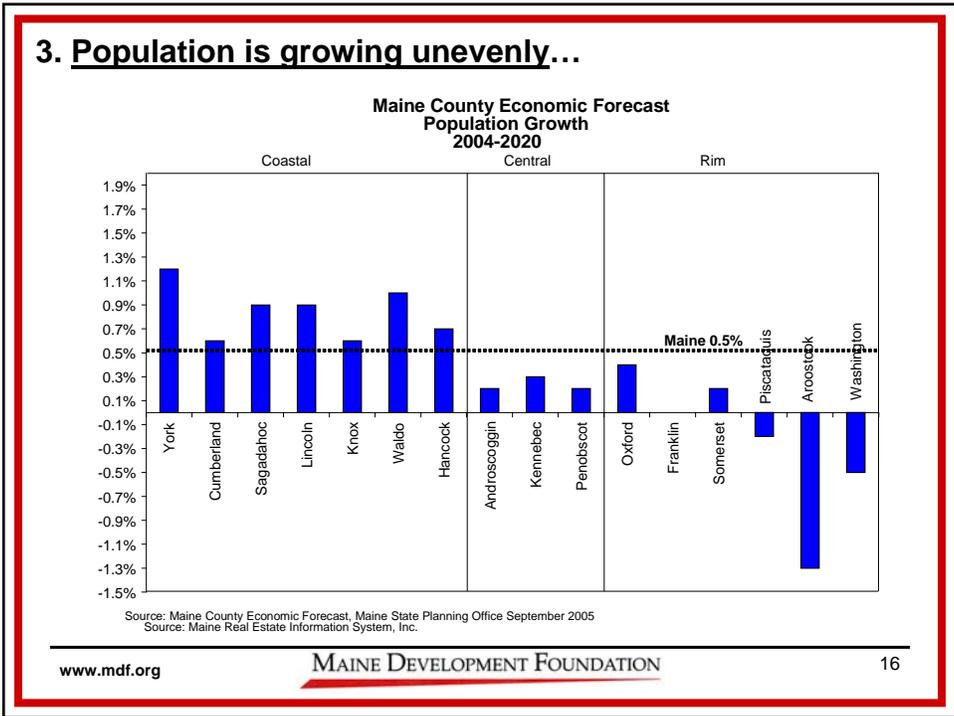
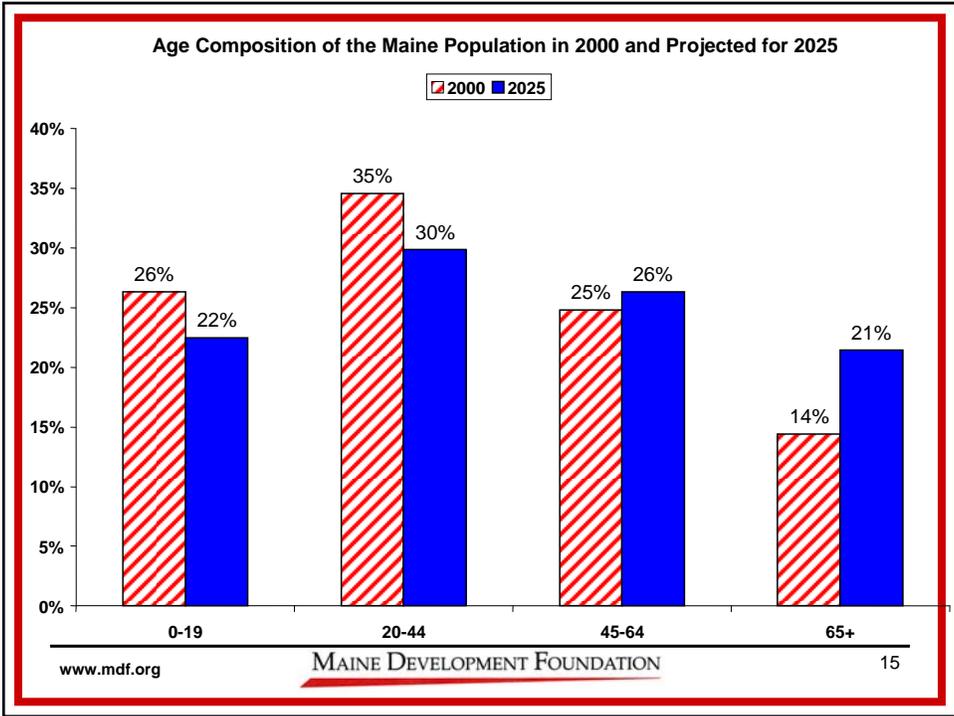
## Percent Population Change by Age Cohort Maine 1999 to 2025



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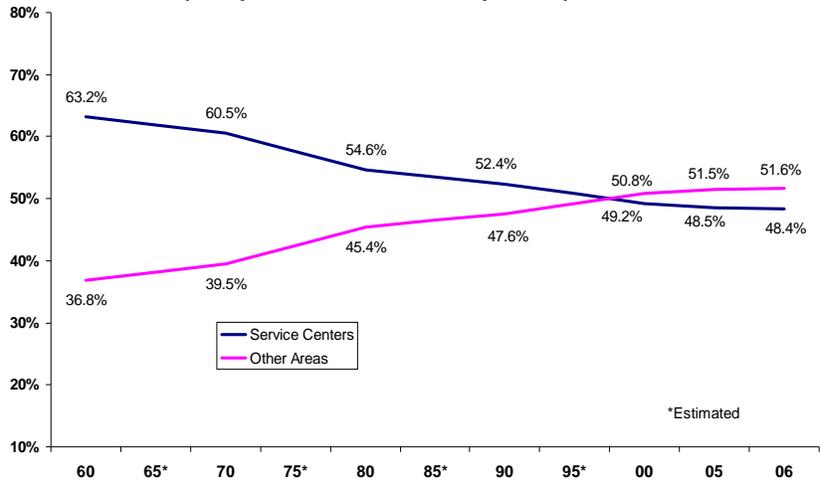
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#### 4. Population is spreading out...

Percent of Population Living in Regional Service Centers  
(Compared to Other Municipalities) 1960-2006

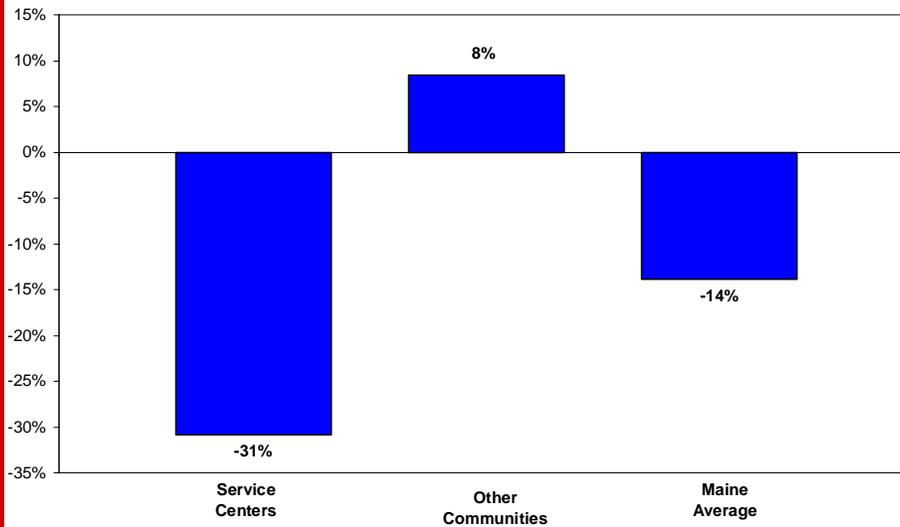


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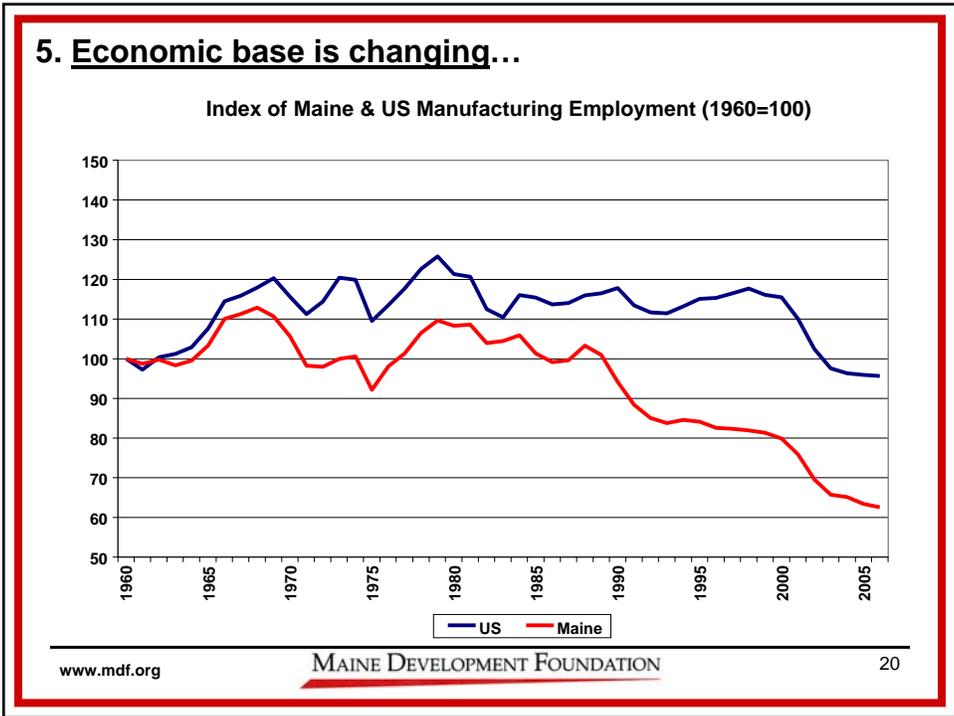
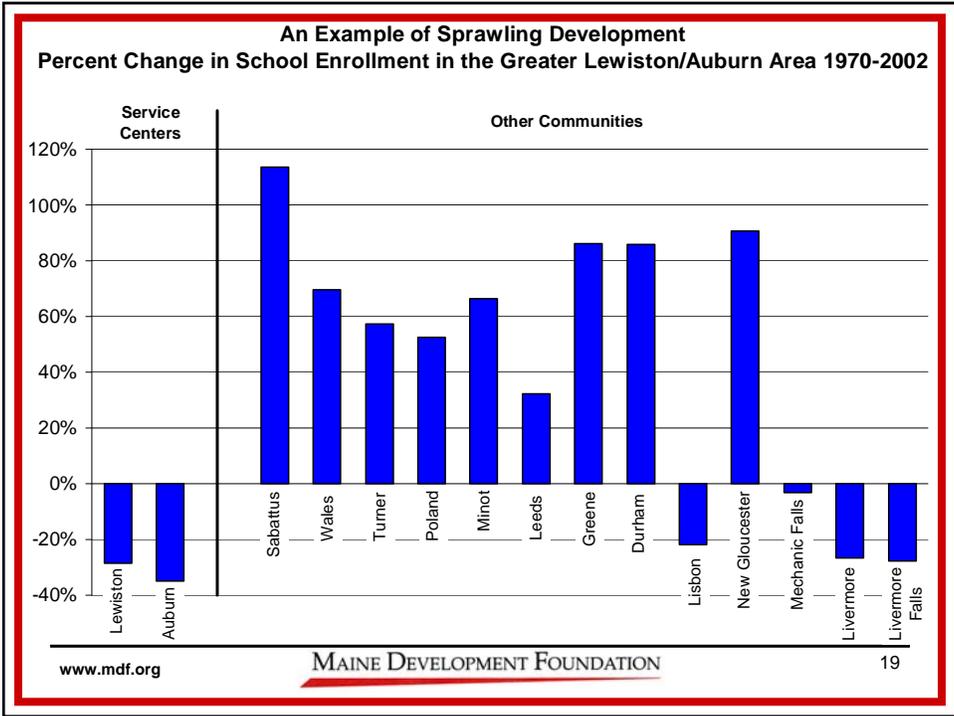
Percent Change in School Enrollment  
1970-2002

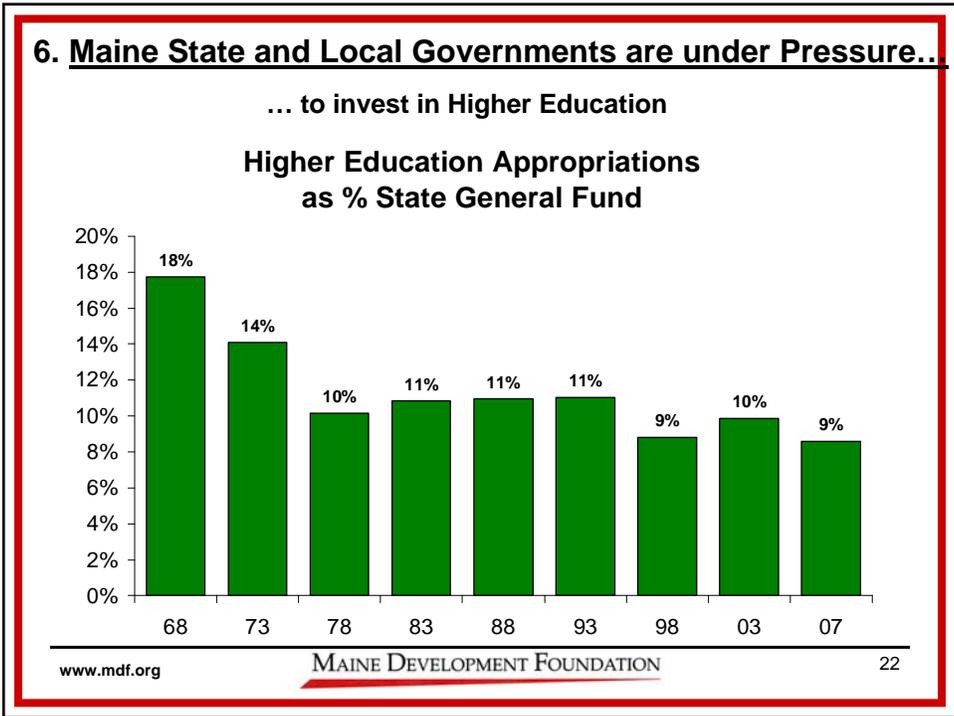
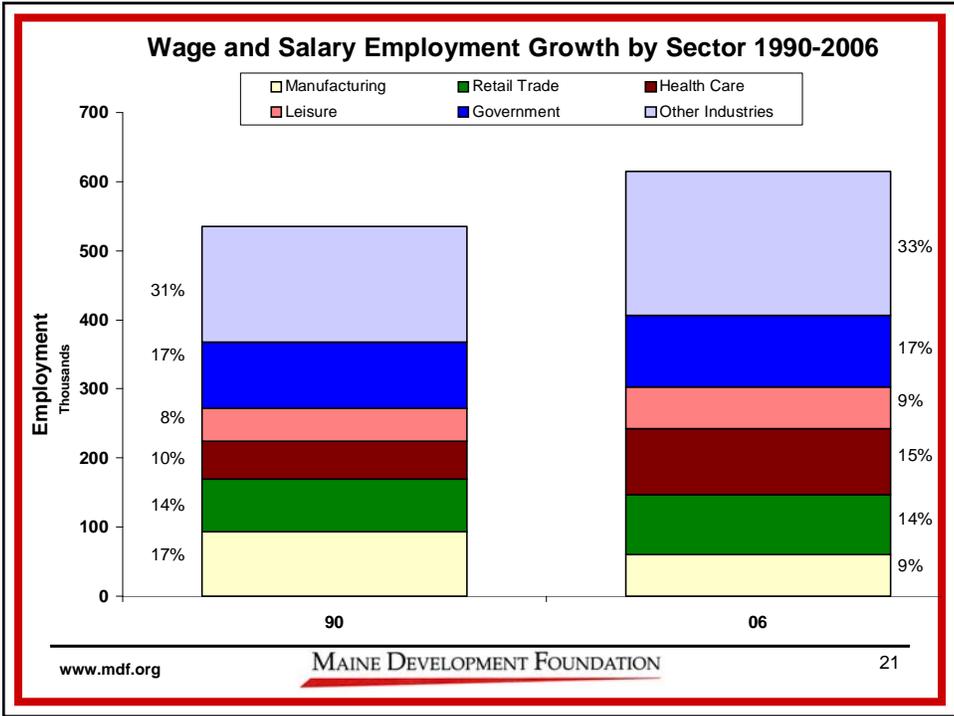


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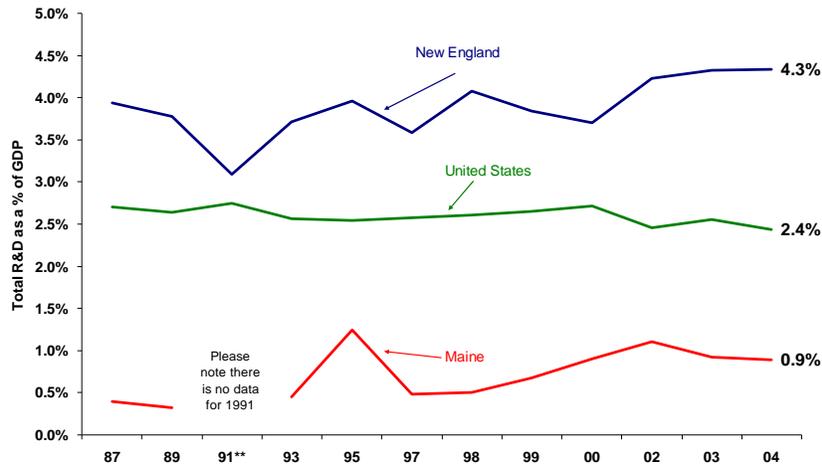
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### ... to invest in R&D

**Total R&D Spending  
as a Percent of Gross Domestic Product 1987-2004**



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### ... to invest in Roads and Bridges

- 12% of Maine's Bridges are structurally deficient
- 25% of Maine's roads are in poor or critical condition



- Roughly 2,000 miles (20% - 25%) of Maine's roads are not built to modern standards and must be posted each spring

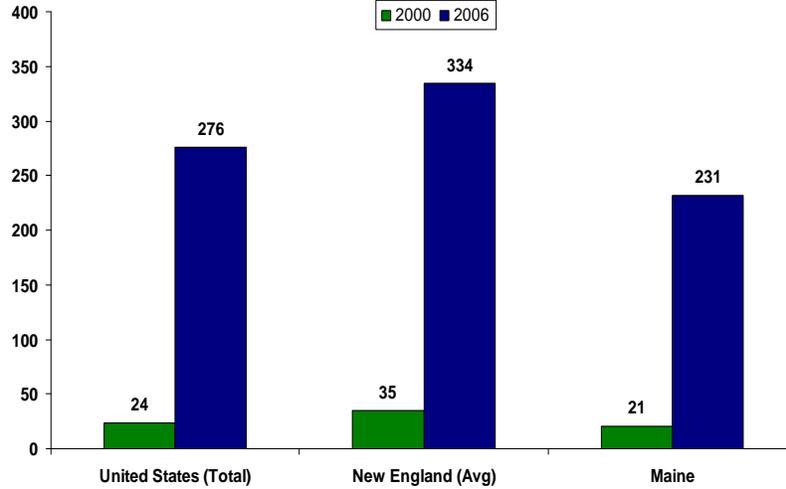
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... to invest in telecommunications infrastructure

High Speed Internet Lines (Subscribers) per 1,000 Residents



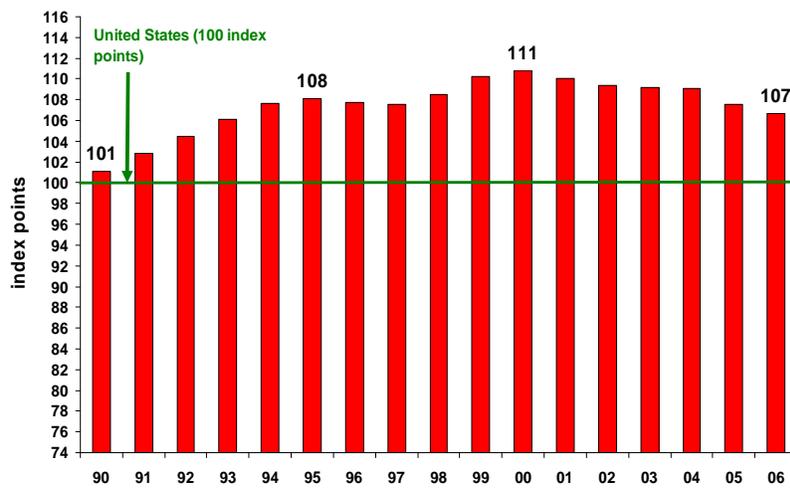
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... to cut the costs of doing business

Cost of Doing Business, Maine  
1990-2006



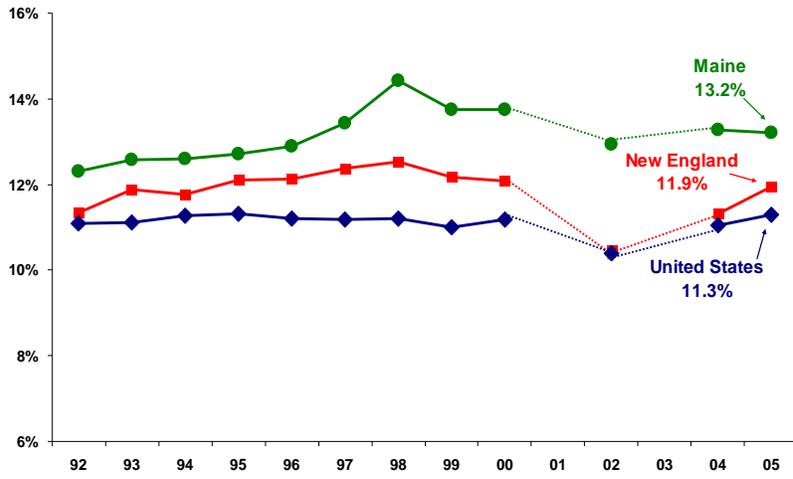
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... to cut taxes

State and Local Taxes as a Percent of Income  
Maine, New England, US 1992-2005



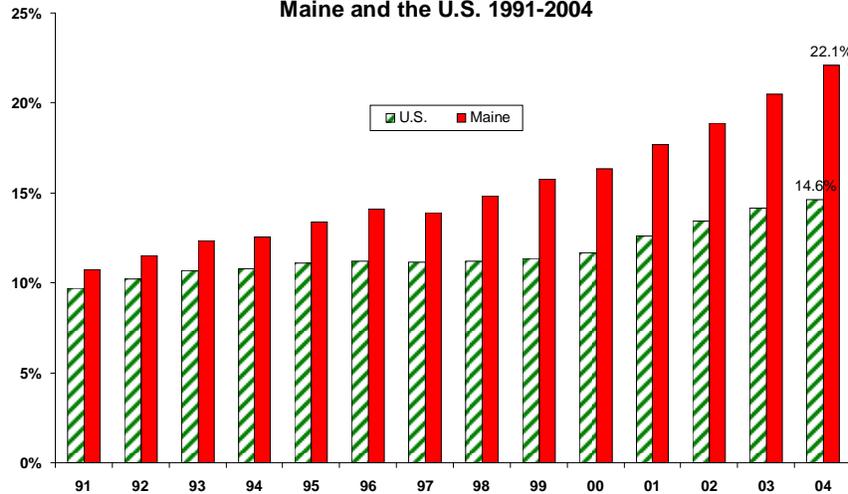
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... to cut health care costs

Total Health Care Costs as a Percent of GDP  
Maine and the U.S. 1991-2004

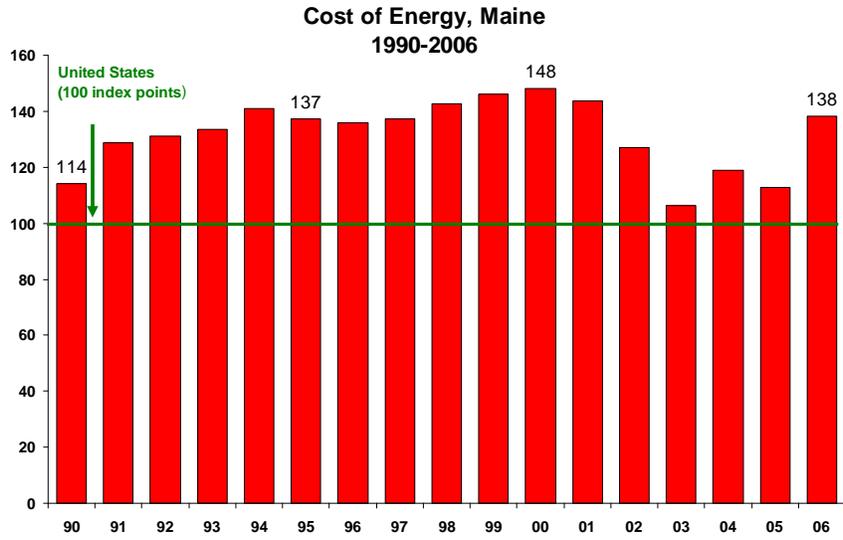


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... to cut energy costs

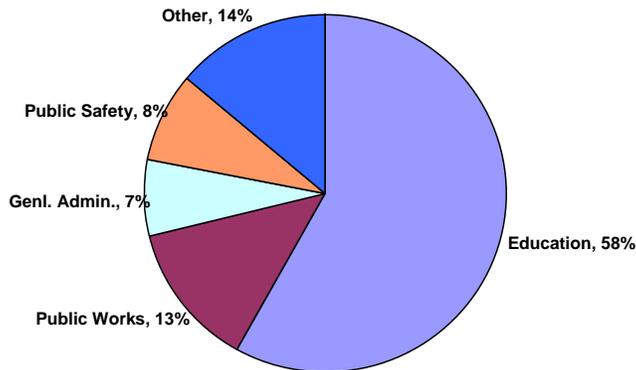


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### Maine Municipal Expenditures (2007 Survey Estimates)



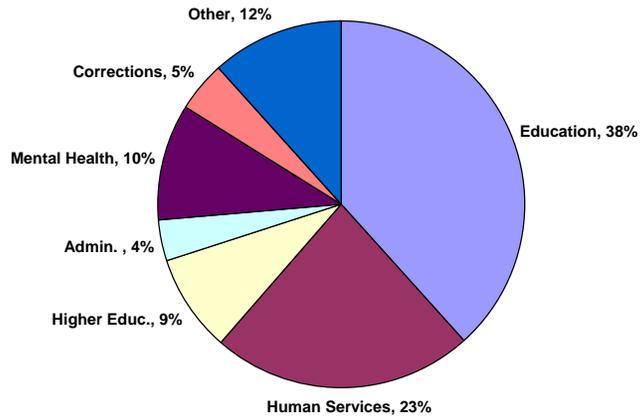
Source data: Me. Municipal Association

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**Maine State Expenditures  
(2007 General Fund)**



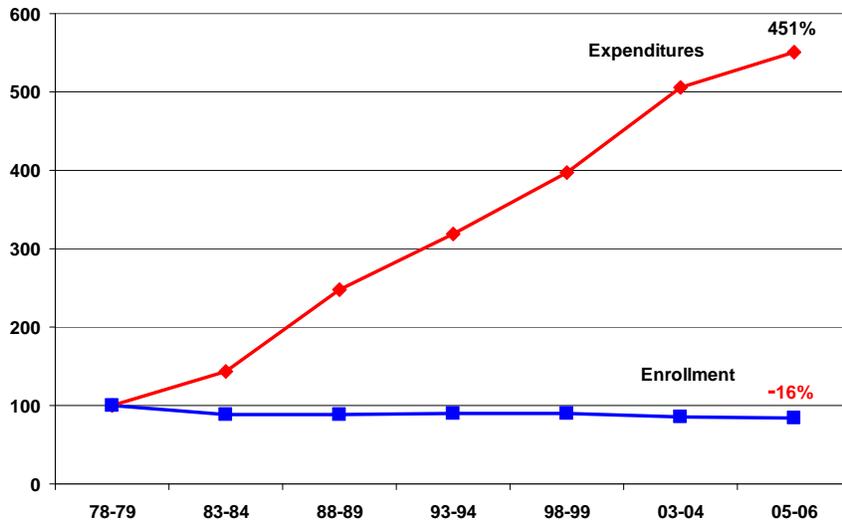
Source data: STATE of MAINE Compendium of State Fiscal Information, 2007

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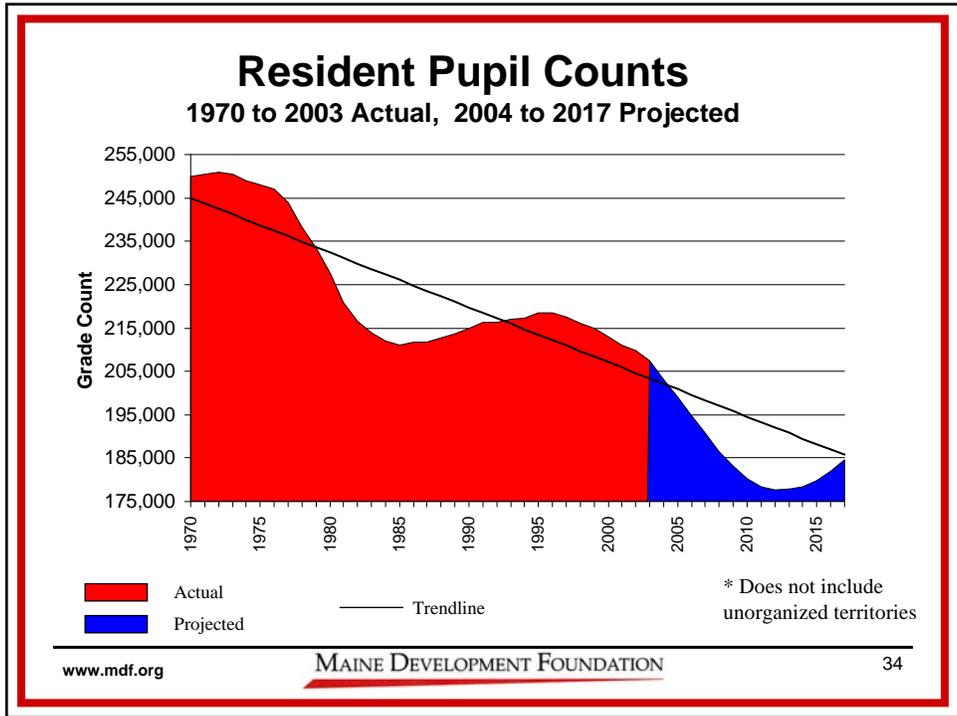
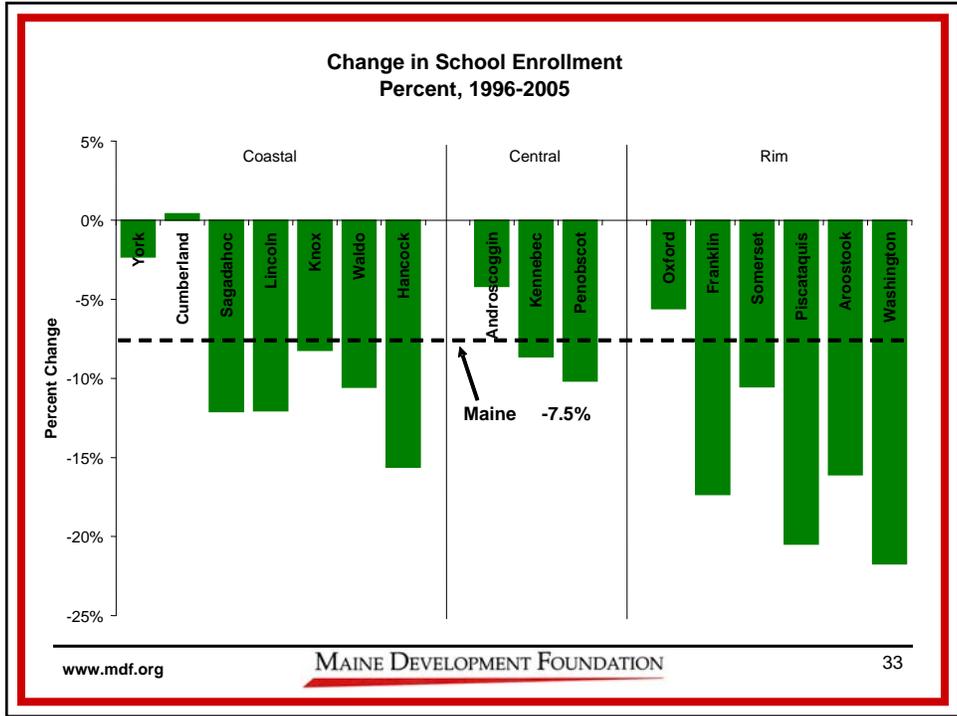
**Nominal K-12 Expenditures vs K-12 Enrollment  
Indexed to 1978-79 = 100**

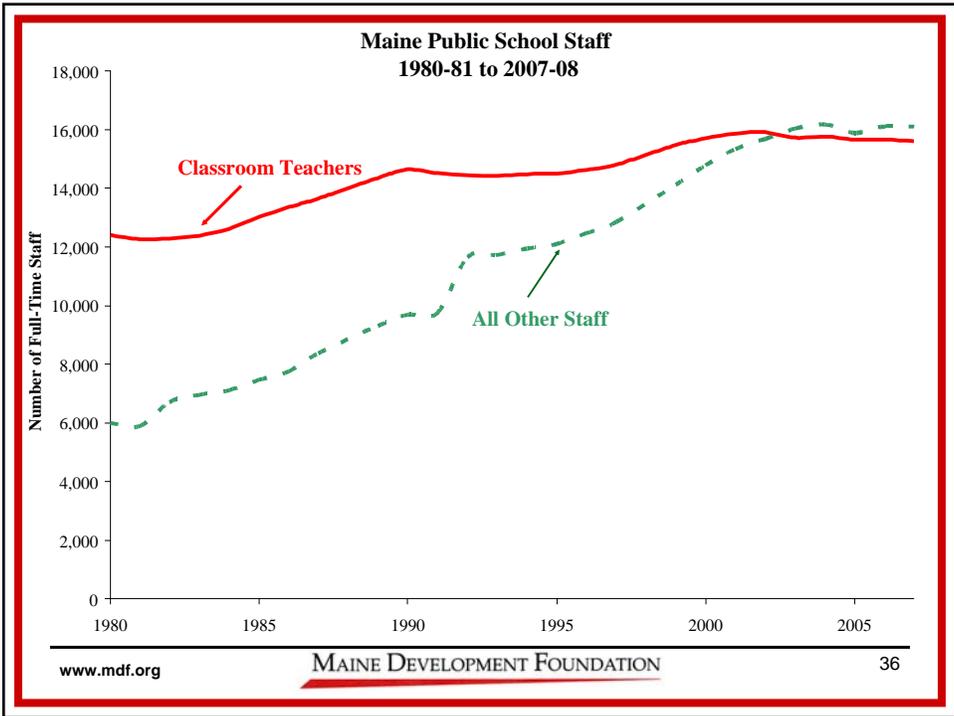
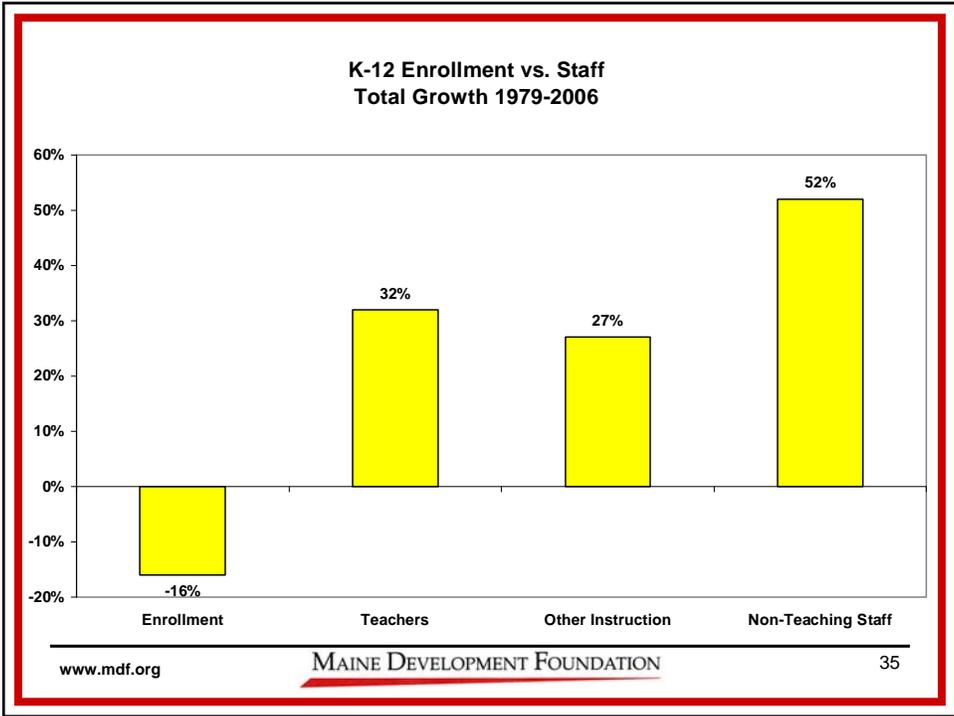


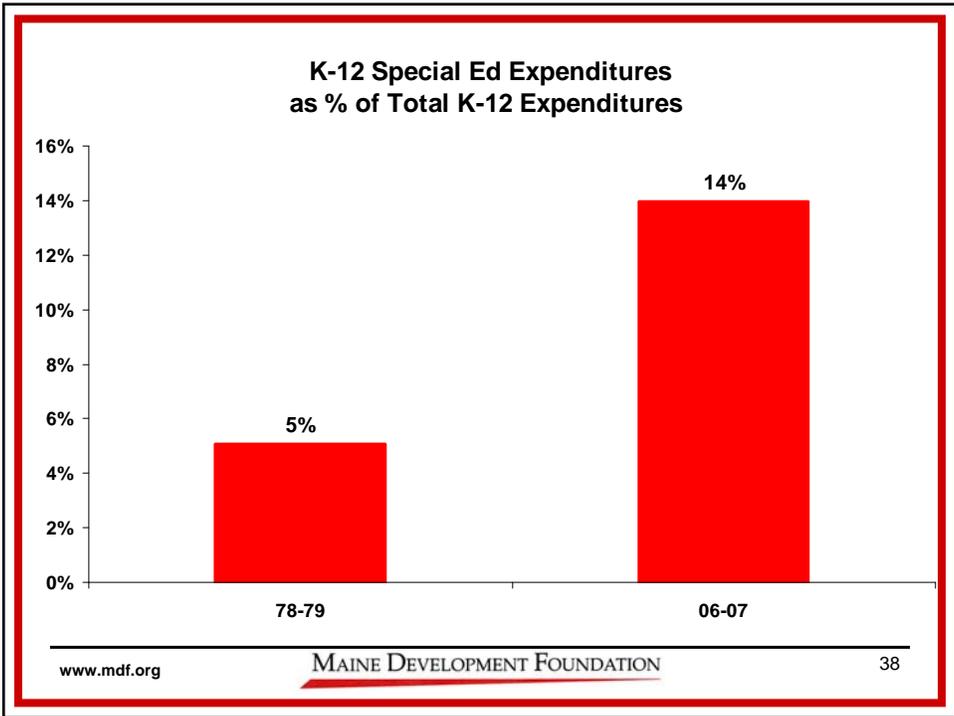
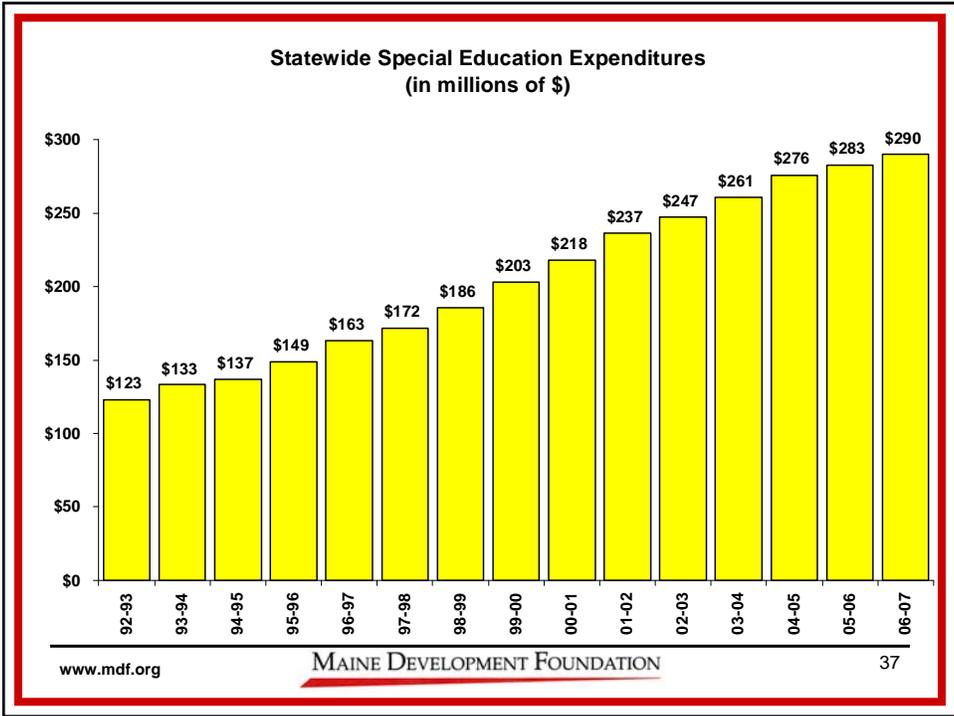
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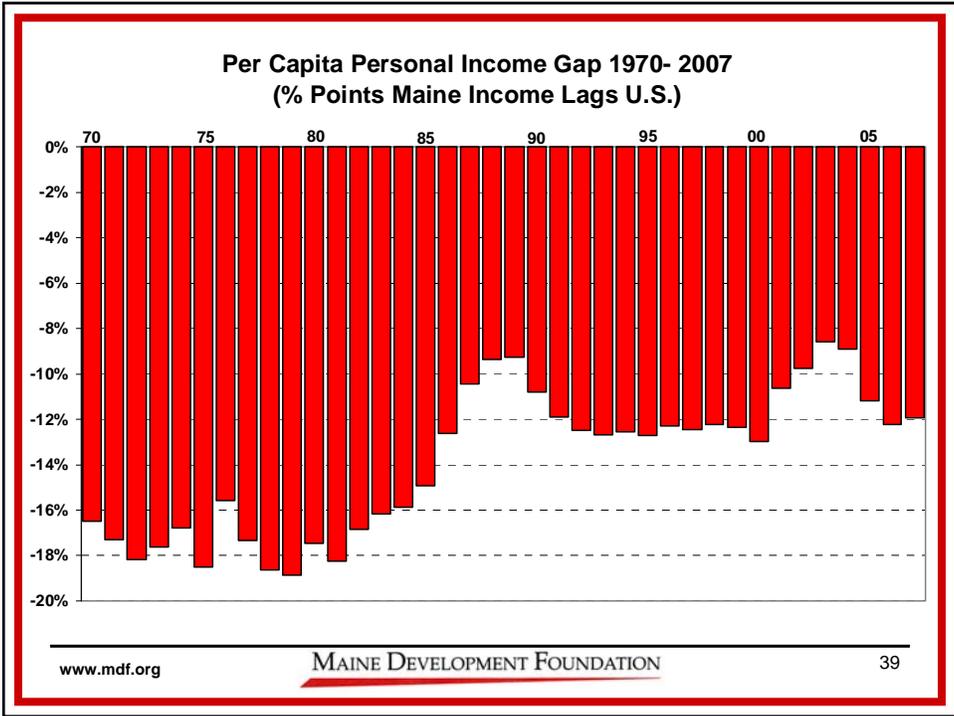
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# VISION

A high quality of life for all Maine citizens.  
*Achieving this vision requires a vibrant and sustainable economy supported by vital communities and a healthy environment.*

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